

Title (en)

PROCESS FOR THE SYNTHESIS OF NITROGEN-DOPED CARBON ELECTRO-CATALYST

Title (de)

VERFAHREN ZUR SYNTHESE EINES STICKSTOFFDOTIERTEN KOHLENSTOFF-ELEKTROKATALYSATORS

Title (fr)

PROCÉDÉ DE SYNTHÈSE D'ÉLECTRO-CATALYSEUR CARBONÉ DOPÉ À L'AZOTE

Publication

EP 3041790 A1 20160713 (EN)

Application

EP 14786729 A 20140902

Priority

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- IN 2014000572 W 20140902

Abstract (en)

[origin: WO2015029076A1] The present invention discloses a process for the synthesis of nitrogen-doped carbon electrocatalyst with good electrochemical stability and fuel tolerance for oxygen reduction reaction (ORR) by pyrolysis of protein-rich pulse flour cooked with SiO₂ nanoparticles.

IPC 8 full level

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CPC (source: EP US)

C01B 32/00 (2017.07 - EP US); **H01M 4/9091** (2013.01 - US); **H01M 4/96** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP)

Citation (search report)

See references of WO 2015029076A1

Cited by

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